Amendment to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

A1

1. (Currently Amended) A method of communicating information, said method comprising:

comparing a current item list containing a plurality of current items with a reference item list containing a plurality of reference items; and

determining a type of classification based on said comparing of the items of the lists~; and

using the determined type of classification to control how the information is communicated.

2. (Original) The method of claim 1, wherein said comparing determines a difference between said current item list and said reference item list.

3. (Original) The method of claim 2, further comprising sending information regarding said difference from a first entity to a second entity.

2

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4. (Original) The method of claim 3, further comprising encoding said information regarding said difference prior to sending said information from said first entity to said second entity.

5. (Original) The method of claim 4, wherein encoding said information comprises encoding information regarding a position of a newly added item to said reference item list.

6. (Original) The method of claim 4, wherein encoding said information comprises encoding information regarding which item in said reference item list is not in said current item list.

7. (Original) The method of claim 4, wherein encoding said information comprises encoding information regarding content of at least one item in said reference item list.

8. (Original) The method of claim 4, wherein encoding said information comprises a combination of at least two of the following: (a) encoding information regarding a position of a newly added item to said reference item list; (b) encoding information regarding which item in said reference item list is not in said current item list; and (c) encoding information regarding content of at least one item in said reference item list.

3

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9. (Original) The method of claim 1, further comprising sending a compressed list from a first entity to a second entity.

10. (Original) The method of claim 9, wherein said compressed list includes information regarding a difference between said current item list and said reference item list.

11. (Original) The method of claim 10, wherein said difference is encoded within said compressed list based on said determined type of classification.

12. (Original) The method of claim 11, wherein said information further comprises a type of encoding.

13. (Original) The method of claim 12, wherein said type comprises one of: an insertion encoding scheme, a removal encoding scheme and a content change encoding scheme.

14. (Original) The method of claim 1, further comprising sending information regarding a difference between an item in said current item list and a corresponding item in said reference item list.

4

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15. (Original) The method of claim 1, wherein said type of classification is based on at least one of: whether an item in said reference item list is in said current item list, whether said item is in said reference item list and whether contents of said item in said current item list are the same as contents of said item in said reference item list.

16. (Original) The method of claim 1, further comprising decompressing information sent from a first entity to a second entity.

17. (Original) The method of claim 1, further comprising sending said reference item list from a first entity to a second entity.

18. (Original) The method of claim 17, further comprising decompressing information sent from said first entity to said second entity using said previously sent reference item list as a reference.

19. (Currently Amended) A method of communicating comprising:

classifying at least one item of a list containing a plurality of items;

based upon the classifying of the at least one item of the list forming a compressed list including said at least one item; and

transmitting said compressed list.

5

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20. (Original) The method of claim 19, wherein said at least one item is classified by: comparing a current item list with a reference item list, and determining a type of classification based on said comparing.

21. (Original) The method of claim 20, wherein said comparing determines a difference between said current item list and said reference item list.

22. (Original) The method of claim 21, further comprising transmitting information regarding said difference from a first entity to a second entity.

23. (Original) The method of claim 22, further comprising encoding said information regarding said difference within said compressed list.

24. (Original) The method of claim 19, wherein said compressed list includes information regarding a difference between a current item list and a reference item list.

25. (Original) The method of claim 24, further comprising encoding said information regarding said difference within said compressed list based on said classifying.

26. (Original) The method of claim 25, wherein encoding said information comprises encoding information regarding a position of a newly added item to said reference item list.

6

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27. (Original) The method of claim 25, wherein encoding said information comprises encoding information regarding which item in said reference item list is not in said current item list.

28. (Original) The method of claim 25, wherein encoding said information comprises information regarding content of at least one item in said reference item list.

29. (Original) The method of claim 25, wherein said information comprises a type of encoding.

30. (Original) The method of claim 20, further comprising sending said reference item list from a first entity to a second entity.

31. (Original) The method of claim 30, further comprising decompressing information transmitted from said first entity to a second entity using said previously sent reference item list as a reference.

32. (Currently Amended) A device ~~to communicate~~ for communicating compressed information, said device comprising:

a processor device ~~to compare~~ for comparing a current item list containing a plurality of current items with a reference item list containing a plurality of reference items and ~~to determine~~ for determining a type of classification based on said

7

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comparing of the items of the lists and communicating the compressed information
based upon the determined type of classification.

33. (Original) The device of claim 32, wherein said processor device
determines a difference between said current item list and said reference item list.

34. (Original) The device of claim 33, further comprising a transmitting
device to transmit information regarding said difference from said device to another
entity.

35. (Original) The device of claim 34, further comprising an encoding device
to encode said information regarding said difference prior to transmitting said
information from said device to said another entity.

36. (Original) The device of claim 32, further comprising a transmitting
device to transmit a compressed list from said device to another entity.

37. (Original) The device of claim 36, wherein said compressed list includes
information regarding a difference between said current item list and said reference
item list.

38. (Original) The device of claim 37, further comprising an encoding device
to encode said difference within said compressed list based on said determined type
of classification.

8

39. (Original) The device of claim 30, wherein said processor device determines a difference between an item in said current item list and a corresponding item in said reference item list, and said device further comprises a transmitting device to transmit information regarding said difference from said device to another entity.

40. (Currently Amended) A device to communicate for communicating information, said device comprising:

a processor device to classify for classifying at least one item of a list containing a plurality of items and to form based upon the classifying of the at least one item of the list forming a compressed list including said at least one item; and

a transmitting device to transmit for transmitting said compressed list.

41. (Original) The device of claim 40, wherein said processor device classifies said at least one item by: comparing a current item list with a reference item list, and determining a type of classification based on said comparing.

42. (Original) The device of claim 41, wherein said processor device determines a difference between said current item list and said reference item list.

43. (Original) The device of claim 42, wherein said transmitting device transmits information regarding said difference between said current item list and said reference item list from said device to another entity.

9

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44. (Original) The device of claim 43, further comprising an encoding device to encode said information regarding said difference within said compressed list.

45. (Original) The device of claim 44, wherein said encoding device encodes information regarding a position of a newly added item to said reference item list.

46. (Original) The device of claim 44, wherein said encoding device encodes information regarding which item in said reference item list is not in said current item list.

47. (Original) The device of claim 44, wherein said encoding device encodes information regarding content of at least one item in said reference item list.

48. (Original) The device of claim 44, wherein said encoding device performs a combination of at least two of the following: (a) encoding information regarding a position of a newly added item to said reference item list; (b) encoding information regarding which item in said reference item list is not in said current item list; and (c) encoding information regarding content of at least one item in said reference item list.

49. (Original) The device of claim 41, wherein said compressed list includes information regarding a difference between a current item list and a reference item list.

10

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50. (Original) The device of claim 41, wherein said difference is encoded
within said compressed list based on said classifying.

11